

## Wireless Society of Southern Maine – Emergency Communications Team (WSSM-ECT)

### *SET Overview*

**Name of exercise:** 2023 Simulated Emergency Test (SET)

**Date of activity:** October 27-28, 2023

**Duration of activity:** 12:00 PM Friday – 12:00 PM Saturday (24-hours)

**Type:** Multi-mode communication exercise between State and County EMAs, and the National Weather Service.

**Served agency:** Cumberland County Emergency Management Agency (CCEMA)

**Friday:** 10 operators (from home)

**Saturday:** 7 operators, (5 at home or deployed, 2 at CCEMA)

**Purpose:** Test ability to communicate intra-county and between counties, using various modes: V/U FM repeaters, VHF FM Simplex, V/U Digital, HF SSB, VHF Packet, HF Digital, and Winlink via VHF Packet and HF.

**Objectives:** Perform the following Amateur Radio tasks:

- Ability to activate group
- Establish an HF circuit with KE4UCW (Simulated State) and ISS ops
- Establish an HF circuit with other County EOCs
- Establish 2 Meter Simplex Comms within county and with adjacent counties
- Establish HF and 2 Meter Comms with N1RXR (Simulated NWS)
- Test EMA repeater coverage
- Ability to send and retrieve Winlink traffic
- Relay simulated requests for support to MEMA and/or adjacent county EOCs

**TASK 1** – Ability to activate group. We will activate according to standard operating procedures, and also incorporate communications via email, and social media with our ECT announcements. **Success / Fail**

*We successfully activated the group, with 9 checking in from their homes, 4 deployed to shelter sites, and 2 operating from the EOC during the 24-hour period.*

**TASK 2** – Establish an HF circuit with KE4UCW (Simulated State) and any ISS ops who are acting as net control during the event. (From home stations, EOC, and Field). **Success / Fail**

*Team members checked into the Maine Emergency Communications Net (MECN) on 3940 (+/-) kHz LSB from their homes, portable from shelter sites, and from the EOC.*

**TASK 3** – Establish an HF circuit with other County EOCs. (From home stations, EOC, and Field). **Success / Fail**

*Although we didn't seek out HF contacts with other EOC's, team members were able to contact a few directly.*

**TASK 4** – Establish 2 Meter Simplex communications with ECT members who are at home, mobile, or deployed to a shelter. **Success / Fail**

*Immediately after taking check-ins on the 147.090 repeater, we shifted operations to 146.580 FM simplex and were successful in contacting team members at each location they were deployed to as well as home stations. In one case, Brad KC1JMH, who was deployed to Lakes Region High School, in Bridgton, was more readable on simplex than on the 449.225 repeater.*

**TASK 5** – Establish 2 Meter Simplex communications with adjacent counties. **Success / Fail**

*Although we didn't specifically seek VHF simplex contacts with adjacent counties, we were able to communicate regularly with Roger N1XP, who was an ISS for York County.*

**TASK 6** – Establish HF and 2 Meter Communications with N1R XR (Simulated NWS). **Success / Fail**

*On Friday evening, we were able to contact N1R XR (simulated NWS) during our coordination net, and also exchanged messages via HF Winlink on Saturday.*

**TASK 7** – Test EMA repeater coverage with ECT members who are at home, mobile, or deployed to a shelter. **Success / Fail**

*We were able to test the coverage of the EMA repeater from various sites across York and Cumberland Counties, and it covered those areas very well.*

**TASK 8** – Test ability to send and retrieve Winlink traffic. **Success / Fail**

*Throughout the exercise we were able to send, retrieve, and reply to messages via Winlink on both HF and VHF Packet.*

**TASK 9** – Relay simulated requests for support to MEMA and/or adjacent county EOCs. **Success / Fail**

*Chris Wheeler, LEPC Liaison at Cumberland County EMA provided us with requests that we sent to MEMA, adjacent county EOCs, and others, including Gorham and Westbrook FD.*

**TASK 10** – Other (Test comms via DMR, WIRES-X, Other Digital). **Success** / Fail

*We didn't spend a lot of time on it, but after the previous tests were finished, KB1HNZ at the EOC was able to test DMR simplex and Fusion simplex with KC1HBM, who was deployed at the South Portland High School. DMR was the more successful, but mostly because Tim KB1HNZ was able to use the base station at the EOC for DMR, but relied on an HT for the Fusion test.*

See ARES/RACES AAR Debrief (attached) for more details.

**EXERCISE MESSAGES:**

4 R KB1HNZ 25 SACO ME 1948Z OCT 27  
FRANK KRIZAN HAM OPERATOR  
1200 GARDENGROVE CT  
PLANO TX 75075  
214 563 6679 FRANK ATSIGN KRIZAN DOT ORG  
EXERCISE MESSAGE 202310271948  
BT  
THIS IS AN EXERCISE MESSAGE  
X GREETINGS FROM MAINE X  
HOPE YOU AND NANCY ARE  
WELL X OUR SET THIS  
YEAR RUNS FOR 24 HOURS  
BT  
TIM WATSON KB1HNZ ARES EC CUMBERLAND COUNTY ME  
KB1HNZ ATSIGN YAHOO DOT COM  
KB1HNZ  
WS1EC  
AR

Message ID: 7W4HMOH9PQOO  
Date: 2023/10/27 20:01  
From: KB1HNZ  
To: KC1SQ; KB1HNZ; KC1JMH; KC1SES; KB1SDK; AB1NS; N1RXR; KC1HBM; KC1HJN  
Source: KB1HNZ  
Location: 43.520833N, 70.458333W (Grid square)  
Subject: QTC 1 R SACO ME 04072

5 R KB1HNZ 26 SACO ME 1954Z OCT 27  
WSSM DASH ECT HAM OPERATORS  
WINDHAM ME 04062  
NO PHONE  
EXERCISE MESSAGE 202310271954Z

BT  
THANKS TO EVERYONE WHO HAS  
CHECKED IN ON 80M SO  
FAR X PLEASE JOIN US  
THIS EVENING FOR A COORDINATION  
NET ON THE 147R090 FALMOUTH  
REPEATER  
BT  
TIM WATSON KB1HNZ ARES EC CUMBERLAND COUNTY ME  
KB1HNZ ATSIGN YAHOO DOT COM

AR

Message ID: AZIYVWYQ4WWO  
Date: 2023/10/27 20:06  
From: KB1HNZ  
To: RRI-REGION10; KB1YTR  
Cc: RRI-ARCHIVE  
Source: KB1HNZ  
Location: 43.520833N, 70.458333W (Grid square)  
Subject: QTC 1 R DULUTH MN 55811

6 R KB1HNZ 23 SACO ME 2003Z OCT 27  
RYAN MICHAELSON KB1YTR HAM OPERATOR  
235 E LOCUST STREET  
DULUTH MN 55811  
NO PHONE KB1YTR ATSIGN ARRL DOT NET  
EXERCISE MESSAGE 202310272003Z

BT  
THIS IS AN EXERCISE MESSAGE  
X HOPE ALL IS WELL  
WITH YOU AND YOUR FAMILY  
X BEST WISHES FROM YOUR  
FRIENDS IN MAINE  
BT  
TIM WATSON KB1HNZ ARES EC CUMBERLAND COUNTY ME  
KB1HNZ ATSIGN YAHOO DOT COM

KB1YTR  
AR

Message ID: SCOIBV8Q41PJ  
Date: 2023/10/27 20:27  
From: KB1HNZ  
To: WS1EC  
Cc: KB1HNZ  
Source: KB1HNZ

Location: 43.520833N, 70.458333W (Grid square)  
Subject: 213-2023 MAINE SET-EXERCISE MESSAGE - 2023-10-27 16:26

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): INSERT NAME
3. From (Name and Position): CHRIS WHEELER, CCEMA LEPC LIAISON
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-27
6. Time: 16:26
7. Message:

CCRCC has suffered a casualty to their operations floor. A primary power surge has burned out all RCC dispatch computers and monitors.

Plan: CCRCC will transfer to their COOP site and resume operations. Estimated time to relocate 1.5 hours.

Impact: CCRCC requests Westbrook 911 to take over dispatch for CCRCC until CCRCC is back on line.

8. Approved by: Tim Watson
- 8a. Position/Title: ARES EC Cumberland County ME  
[Sender: KB1HNZ Lat: 43.520833, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: KB1HNZ  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

Message ID: 0V5OLTH1S1AQ  
Date: 2023/10/27 20:33  
From: KB1HNZ  
To: WS1EC  
Cc: KB1HNZ  
Source: KB1HNZ  
Location: 43.520833N, 70.458333W (Grid square)  
Subject: QTC 1 R AUGUSTA ME 04330

8 R WS1EC 66 WINDHAM ME 2028Z OCT 27  
JESSE FARNHAM MEMA DUTY / TRAINING OFFICER  
45 COMMERCE DR  
AUGUSTA ME 04330  
NO PHONE JESSE DOT FARNHAM ATSIGN MAINE DOT GOV  
EXERCISE MESSAGE 202310232028Z  
BT  
THIS IS AN EXERCISE MESSAGE  
X CCRCC HAS SUFFERED A  
CASUALTY TO THEIR OPERATIONS FLOOR  
X A PRIMARY POWER SURGE

HAS BURNED OUT ALL RCC  
DISPATCH COMPUTERS AND MONITORS X  
PLAN CCRCC WILL TRANSFER TO  
THEIR COOP SITE AND RESUME  
OPERATIONS X ESTIMATED TIME TO  
RELOCATE 1R5 HOURS X IMPACT  
CCRCC REQUESTS WESTBROOK 911 TO  
TAKE OVER DISPATCH FOR CCRCC  
UNTIL CCRCC IS BACK ON  
LINE  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
KB1TCE  
AR

Message ID: 5G8VALPB70Q4  
Date: 2023/10/27 20:37  
From: KB1HNZ  
To: WS1EC  
Cc: KB1HNZ  
Source: KB1HNZ  
Location: 43.520833N, 70.458333W (Grid square)  
Subject: QTC 1 R GORHAM ME 04038

9 R KB1HNZ 20 WINDHAM ME 2034Z OCT 27  
GORHAM FD  
GORHAM ME 04038  
NO PHONE  
EXERCISE MESSAGE 202310232034Z  
BT  
MEMA NOTIFIED OF PRIMARY CCRCC  
CAUSALITY X PLEASE NOTIFY CCEMA  
ONCE YOU ARE UP AND  
RUNNING AT YOUR COOP SITE  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ

AR

Message ID: U7DBVEW4CRMI  
Date: 2023/10/27 20:47  
From: KB1HNZ  
To: WS1EC  
Cc: KB1HNZ  
Source: KB1HNZ

Location: 43.520833N, 70.458333W (Grid square)  
Subject: QTC 1 R LEWISTON ME 04240

10 R KB1HNZ 42 WINDHAM ME 2037Z OCT 27  
ANGELA MOLINO DIRECTOR ACEMA  
2 COLLEGE STREET  
LEWISTON ME 04240  
207 784 0147 AMOLINO ATSIGN ANDROSCOGGINCOUNTYMAINE DOT GOV  
EXERCISE MESSAGE 202310232037Z  
BT  
THIS IS AN EXERCISE MESSAGE X CCRCC HAS SUFFERED A CAUSALITY  
THAT BURNED OUT ALL OF  
THEIR ELECTRONICS X CCEMA IS  
STILL UP AND RUNNING WITH  
OUR EMERGENCY COMMUNICATIONS TEAM X  
CCEMA CAN BE REACHED ON  
146R580 FM SIMPLEX OR VIA  
WINLINK  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

Message ID: HOUV0POY1CPP  
Date: 2023/10/27 20:50  
From: KB1HNZ  
To: WS1EC  
Cc: KB1HNZ  
Source: KB1HNZ  
Location: 43.520833N, 70.458333W (Grid square)  
Subject: QTC 1 R LEWISTON ME 04240

11 R KB1HNZ 33 WINDHAM ME 2047Z OCT 27  
ANGELA MOLINO DIRECTOR ACEMA  
2 COLLEGE STREET  
LEWISTON ME 04240  
207 784 0147 AMOLINO ATSIGN ANDROSCOGGINCOUNTYMAINE DOT GOV  
EXERCISE MESSAGE 202310232047Z  
BT  
THIS IS AN EXERCISE MESSAGE  
X CCRCC IS BACK ON  
LINE AT THEIR COOP SITE  
GORHAM FD DOT CCRCC CAN  
ASSUME PRIMARY DISPATCH FOR CUMBERLAND  
COUNTY X THANK YOU ALL  
FOR YOUR HELP  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON

WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

TIM WATSON KB1HNZ  
11 LYMAN AVE  
SACO ME 04072J  
207 831 8132  
KB1HNZ ATSIGN YAHOO DOT COM  
BT  
EXERCISE MESSAGE RECEIVED X PLEASE  
CORRECT MY ADDRESS TO 1005  
TALLEY ROAD GARLAND TEXAS 75044  
X 73  
BT  
FRANK KR1ZAN  
OP NOTE DELIVER TO KB1HNZ VIA WS1EC  
AR

10 R KB1HNZ 42 WINDHAM ME 2037Z OCT 27  
ALLYSON HILL DIRECTOR OCEMA  
26 WESTERN AVE  
SOUTH PARIS ME 04281  
207 743 6336 EMA ATSIGN OXFORDCOUNTY DOT ORG  
EXERCISE MESSAGE 202310232037Z  
BT  
THIS IS AN EXERCISE MESSAGE X CCRCC HAS SUFFERED A CAUSALITY  
THAT BURNED OUT ALL OF  
THEIR ELECTRONICS X CCEMA IS  
STILL UP AND RUNNING WITH  
OUR EMERGENCY COMMUNICATIONS TEAM X  
CCEMA CAN BE REACHED ON  
146R580 FM SIMPLEX OR VIA  
WINLINK  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

Message ID: U7DBVEW4CRMI  
Date: 2023/10/27 20:47  
Location: 43.520833N, 70.458333W (GRID SQUARE)  
Subject: QTC 1 R LEWISTON ME 04240



10 R KB1HNZ 42 WINDHAM ME 2037Z OCT 27  
ARTHUR CLEAVES DIRECTOR YCEMA  
149 JORDAN SPRINGS ROAD  
ALFRED ME 04002  
207 459 2451 AWCLEAVES ATSIGN YORKCOUNTY DOT ORG  
EXERCISE MESSAGE 202310232037Z

BT

THIS IS AN EXERCISE MESSAGE X CCRCC HAS SUFFERED A CAUSALITY  
THAT BURNED OUT ALL OF  
THEIR ELECTRONICS X CCEMA IS  
STILL UP AND RUNNING WITH  
OUR EMERGENCY COMMUNICATIONS TEAM X  
CCEMA CAN BE REACHED ON  
146R580 FM SIMPLEX OR VIA  
WINLINK

BT

CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

Message ID: U7DBVEW4CRMI

Date: 2023/10/27 20:47

Location: 43.520833N, 70.458333W (GRID SQUARE)

Subject: QTC 1 R LEWISTON ME 04240

10 R KB1HNZ 42 WINDHAM ME 2037Z OCT 27  
HANNAH DICKINSON INTERIM DIRECTOR SCEMA  
752 HIGH STREET  
BATH ME 04530  
207 443 8210 HANNAHDT ATSIGN SAGADAHOCCOUNTYME DOT GOV  
EXERCISE MESSAGE 202310232037Z

BT

THIS IS AN EXERCISE MESSAGE X CCRCC HAS SUFFERED A CAUSALITY  
THAT BURNED OUT ALL OF  
THEIR ELECTRONICS X CCEMA IS  
STILL UP AND RUNNING WITH  
OUR EMERGENCY COMMUNICATIONS TEAM X  
CCEMA CAN BE REACHED ON  
146R580 FM SIMPLEX OR VIA  
WINLINK

BT

CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

Message ID: U7DBVEW4CRMI  
Date: 2023/10/27 20:47  
Location: 43.520833N, 70.458333W (GRID SQUARE)  
Subject: QTC 1 R WISCASSET ME 04578

10 R KB1HNZ 42 WINDHAM ME 2037Z OCT 27  
MAURY PRENTISS DIRECTOR LCEMA  
32 HIGH STREET  
WISCASSET ME 04578  
207 882 7559  
EXERCISE MESSAGE 202310232037Z

BT  
THIS IS AN EXERCISE MESSAGE X CCRCC HAS SUFFERED A CAUSALITY  
THAT BURNED OUT ALL OF  
THEIR ELECTRONICS X CCEMA IS  
STILL UP AND RUNNING WITH  
OUR EMERGENCY COMMUNICATIONS TEAM X  
CCEMA CAN BE REACHED ON  
146R580 FM SIMPLEX OR VIA  
WINLINK  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

10 R KB1HNZ 42 WINDHAM ME 2037Z OCT 27  
HANNAH DICKINSON INTERIM DIRECTOR SCEMA  
752 HIGH STREET  
BATH ME 04530  
207 443 8210 HANNAHDT ATSIGN SAGADAHOCCOUNTYME DOT GOV  
EXERCISE MESSAGE 202310232037Z

BT  
THIS IS AN EXERCISE MESSAGE X CCRCC HAS SUFFERED A CAUSALITY  
THAT BURNED OUT ALL OF  
THEIR ELECTRONICS X CCEMA IS  
STILL UP AND RUNNING WITH  
OUR EMERGENCY COMMUNICATIONS TEAM X  
CCEMA CAN BE REACHED ON  
146R580 FM SIMPLEX OR VIA  
WINLINK  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): PETER HATEM KC1HBM
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 09:49
7. Message:

PLEASE INFORM ABOUT THE STATUS OF YOUR DEPLOYMENT AND CURRENT CAPABILITIES

8. Approved by: TIM WATSON KB1HNZ
- 8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): BRAD BROWN KC1JMH / HAM OPERATOR
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 09:47
7. Message:

PLEASE INFORM ABOUT THE STATUS OF YOUR DEPLOYMENT AND CURRENT CAPABILITIES

8. Approved by: TIM WATSON KB1HNZ
- 8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): KEITH ANOE KE4UCW / SEC MAINE ARES
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE

5. Date: 2023-10-28
6. Time: 09:51
7. Message:

OUR TEAM HAD 10 PARTICIPANTS FRIDAY AND SO FAR 7 ON SATURDAY.

WE CURRENTLY HAVE:

4 OPS DEPLOYED TO SHELTERS IN BRIDGTON, SOUTH PORTLAND, WESTBROOK, AND GORHAM  
2 OPS AT THE EOC IN WINDHAM  
1 OPERATING FROM HOME

8. Approved by: TIM WATSON KB1HNZ
- 8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

11 R KB1HNZ 33 WINDHAM ME 2047Z OCT 27  
ARTHUR CLEAVES DIRECTOR YCEMA  
149 JORDAN SPRINGS ROAD  
ALFRED ME 04002  
207 459 2451 AWCLEAVES ATSIGN YORKCOUNTY DOT ORG  
EXERCISE MESSAGE 202310232047Z  
BT  
THIS IS AN EXERCISE MESSAGE  
X CCRCC IS BACK ON  
LINE AT THEIR COOP SITE  
GORHAM FD DOT CCRCC CAN  
ASSUME PRIMARY DISPATCH FOR CUMBERLAND  
COUNTY X THANK YOU ALL  
FOR YOUR HELP  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

11 R KB1HNZ 33 WINDHAM ME 2047Z OCT 27  
MAURY PRENTISS DIRECTOR LCEMA  
32 HIGH STREET  
WISCASSET ME 04578  
207 882 7559  
EXERCISE MESSAGE 202310232047Z  
BT  
THIS IS AN EXERCISE MESSAGE  
X CCRCC IS BACK ON  
LINE AT THEIR COOP SITE

GORHAM FD DOT CCRCC CAN  
ASSUME PRIMARY DISPATCH FOR CUMBERLAND  
COUNTY X THANK YOU ALL  
FOR YOUR HELP  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

11 R KB1HNZ 33 WINDHAM ME 2047Z OCT 27  
ALLYSON HILL DIRECTOR OCEMA  
26 WESTERN AVE  
SOUTH PARIS ME 04281  
207 743 6336 EMA ATSIGN OXFORDCOUNTY DOT ORG  
EXERCISE MESSAGE 202310232047Z

BT  
THIS IS AN EXERCISE MESSAGE  
X CCRCC IS BACK ON  
LINE AT THEIR COOP SITE  
GORHAM FD DOT CCRCC CAN  
ASSUME PRIMARY DISPATCH FOR CUMBERLAND  
COUNTY X THANK YOU ALL  
FOR YOUR HELP  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

11 R KB1HNZ 33 WINDHAM ME 2047Z OCT 27  
ANGELA MOLINO DIRECTOR ACEMA  
2 COLLEGE STREET  
LEWISTON ME 04240  
207 784 0147 AMOLINO ATSIGN ANDROSCOGGINCOUNTYMAINE DOT GOV  
EXERCISE MESSAGE 202310232047Z

BT  
THIS IS AN EXERCISE MESSAGE  
X CCRCC IS BACK ON  
LINE AT THEIR COOP SITE  
GORHAM FD DOT CCRCC CAN  
ASSUME PRIMARY DISPATCH FOR CUMBERLAND  
COUNTY X THANK YOU ALL  
FOR YOUR HELP  
BT  
CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC

AR

11 R KB1HNZ 33 WINDHAM ME 2047Z OCT 27  
HANNAH DICKINSON INTERIM DIRECTOR SCEMA  
752 HIGH STREET  
BATH ME 04530  
207 443 8210 HANNAHDT ATSIGN SAGADAHOCCOUNTYME DOT GOV  
EXERCISE MESSAGE 202310232047Z

BT

THIS IS AN EXERCISE MESSAGE  
X CCRCC IS BACK ON  
LINE AT THEIR COOP SITE  
GORHAM FD DOT CCRCC CAN  
ASSUME PRIMARY DISPATCH FOR CUMBERLAND  
COUNTY X THANK YOU ALL  
FOR YOUR HELP

BT

CHRIS WHEELER CCEMA LEPC LIAISON  
WHEELER ATSIGN CUMBERLANDCOUNTY DOT ORG  
KB1HNZ  
WS1EC  
AR

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): ERIC EMERY N1RXR / NWS GRAY SKYWARN LIAISON
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 10:33
7. Message:

THIS IS AN EXERCISE MESSAGE X PLEASE PROVIDE LATEST STORM UPDATE

8. Approved by: TIM WATSON KB1HNZ  
8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

Message Received!

----- Message from KC1JMH sent 2023/10/28 15:41 -----

Message ID: 9609LY312UDT  
Date: 2023/10/28 15:41  
From: KC1JMH  
To: WS1EC  
Source: KC1JMH  
P2P: True  
Location: 43.997348N, 70.657758W (GPS)  
Subject: P2P Test

Hello from Naples, ME

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): BRAD BROWN KC1JMH / HAM OPERATOR
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 11:35
7. Message:

THANK YOU FOR YOUR EFFORTS DURING THE SET X YOUR SUPPORT IS AN ESSENTIAL PART OF OUR MISSION

8. Approved by: TIM WATSON KB1HNZ
- 8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): TOM MAHON AB1NS
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 12:29
7. Message:

THANK YOU FOR YOUR EFFORTS DURING THE SET X YOUR SUPPORT IS AN ESSENTIAL PART OF OUR MISSION

8. Approved by: TIM WATSON KB1HNZ  
8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): PETER HATEM KC1HBM / HAM OPERATOR
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 12:27
7. Message:

THANK YOU FOR YOUR EFFORTS DURING THE SET X YOUR SUPPORT IS AN ESSENTIAL PART OF OUR MISSION

8. Approved by: TIM WATSON KB1HNZ  
8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): TODD RODGERS KC1SQ / HAM OPERATOR
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 12:27
7. Message:

THANK YOU FOR YOUR EFFORTS DURING THE SET X YOUR SUPPORT IS AN ESSENTIAL PART OF OUR MISSION

8. Approved by: TIM WATSON KB1HNZ  
8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC



Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

----- Message from N1URT sent 2023/10/27 21:06 -----

Message ID: NGYT1VSJT010  
Date: 2023/10/27 21:06  
From: N1URT  
To: KE4UCW  
Cc: KA1FKC  
Source: N1URT  
Location: 44.812500N, 70.125000W (GRID SQUARE)  
Subject: CHIEF'S MESSAGE

\*\*\*

ICS-213

1. EXER: DOD COMEX 23-4
2. TO: LOCAL ARRL SET OFFICIALS/-
3. FROM: US NORTHERN COMMAND//J63//
4. SUBJ: DOD-American Radio Relay League (ARRL) SET INTEROP
5. 09/25/2023
- 6.
7. MSG: As the Combatant Command responsible for Homeland Defense, USNORTHCOM appreciates the Amateur Radio community efforts in conducting regular training events to hone and improve your communication skills as well as the MARS outreach to amateur radio.

Request only SET officials acknowledge receipt of this message via return message through any MARS station to UHCHBPM; radiogram/ICS213 through the National Traffic System or Radio Relay International to:

Paul English  
Salado, TX 76571  
PH: (254) 630-9472

or via amateur radio WINLINK to WD8DBY.

In your response, please include your:

- organization
- callsign, City and State location of your SET event.

8. POC: MARK JENSEN/USNORTHCOM J6 COMM INTEROPERABILITY OFFICER  
BT

NNNN

\*\*\*

UNCLASSIFIED

[Message receipt requested]

GENERAL MESSAGE (ICS 213)

\*\* THIS IS AN EXERCISE \*\*

1. Incident Name: 2023 MAINE SET
2. To (Name and Position):TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
3. From (Name and Position): TODD RODGERS KC1SQ / HAM OPERATOR
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 07:56
7. Message:

THIS IS AN EXERCISE MESSAGE X MESSAGE RECEIVED X FOR COMPLETENESS,, I CAN REPORT PERFECT RECEPTION OF THE WS1EC UHF REPEATER, 146.580 MHZ SIMPLEX FROM THE BUNKER, AND PERFECT RECEPTION OF THE CCEMA VHF REPEATER FROM MY HOME LOCATION. THAT IS 70.5582 DEG WEST AND 43.8003 DEG NORTH

GENERAL MESSAGE (ICS 213)

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): BRAD BROWN KC1JMH / HAM OPERATOR
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 09:47
7. Message:

PLEASE INFORM ABOUT THE STATUS OF YOUR DEPLOYMENT AND CURRENT CAPABILITIES

8. Approved by: TIM WATSON KB1HNZ  
Position/Title: ARES EC CUMBERLAND COUNTY ME

9. Reply:  
Status: OK  
Location: Lakes Region HS  
CCEMA UHF Repeater: Readable w difficulty  
CCEMA VHF Repeater: Readable inbound, no connection out  
146.58 Simplex: Full Quieting  
Packet: No connectable stations, only Westbrook readable  
75m: 59 in, low quality out w hamstick  
40m digi: Excellent w hamstick

10. Replied by: Brad Brown KC1JMH  
Position / Title: ARES Field Station  
Date / Time: 2023-10-28 10:38

-----  
Express Sending Station:  
Senders Express Version: 1.7.9.1  
Senders Template Version: ICS 213 v.43.0

-----  
BELOW IS ORIGINAL ICS 213 AS IT WAS SENT (with Email header info)  
You may delete this portion prior to text printing if desired.

----- Message from WS1EC sent 2023/10/28 13:47 -----

Message ID: U1VSHLDZ7RLK  
Date: 2023/10/28 13:47  
From: WS1EC  
To: KC1JMH  
Cc: KE4UCW  
Source: WS1EC  
Location: 43.729167N, 70.458333W (GRID SQUARE)  
Subject: 213-2023 MAINE SET-EXERCISE MESSAGE - 2023-10-28 09:47

GENERAL MESSAGE (ICS 213)

**\*\* THIS IS AN EXERCISE \*\***

1. Incident Name: 2023 MAINE SET
2. To (Name and Position): BRAD BROWN KC1JMH / HAM OPERATOR
3. From (Name and Position): TIM WATSON KB1HNZ / ARES EC CUMBERLAND COUNTY ME
4. Subject: EXERCISE MESSAGE
5. Date: 2023-10-28
6. Time: 09:47
7. Message:

PLEASE INFORM ABOUT THE STATUS OF YOUR DEPLOYMENT AND CURRENT CAPABILITIES

8. Approved by: TIM WATSON KB1HNZ
- 8a. Position/Title: ARES EC CUMBERLAND COUNTY ME  
[Sender: WS1EC Lat: 43.729167, Lon:-70.458333, MGRS: ]

-----  
Express Sending Station: WS1EC  
Senders Express Version: 1.7.10.0  
Senders Template Version: ICS 213 v.43.0

## Press Release:

### Local Ham Radio Group Participates in Statewide Exercise

For 24-hours, beginning at noon on Friday, October 27th, members of the Wireless Society of Southern Maine Emergency Communications Team (WSSM-ECT), which meets monthly in Windham, will participate in a statewide drill to test their communications capabilities between various different sites throughout Cumberland County and the state. The drill, known as the Simulated Emergency Test, or SET, is an annual exercise, sponsored by the American Radio Relay League, which encourages amateur radio operators from across the country to test their communications skills during a mock disaster.

During the SET, hams are required to quickly establish communications between various Emergency Operations Centers and exchange formal messages and traffic, which contain requests for supplies, medical information, or weather reports, or other information that may be of importance during a disaster. They do this via voice, Morse code, and digital two-way radio, on bands ranging from HF to UHF, as required.

“Similar to previous years, there’s has been statewide coordination for the SET, and Maine ARES and others have developed a plan that involves testing both amateur radio and EMA communications,” says Tim Watson, of Saco. Watson is a founder of the Wireless Society of Southern Maine, which provides auxiliary communications support for Cumberland County EMA, as well as the National Weather Service. “The SET tests how we respond during large- scale disasters, where commercial infrastructure has failed. In these events, hams are often the only source of communications.”

“The hams in our club are a dedicated group,” adds club President, Jason Andrews, of Scarborough. “Amateur radio has a long history of volunteerism. Sure, it’s a hobby and there’s some fun things that we do like lighthouse expeditions or competitive events like contesting, but so many like to stay sharp by providing support for community events, and drills like this, so they’ll be ready to offer their time and expertise when disaster strikes.”

The Wireless Society of Southern Maine’s Emergency Communications Team is participating in their ninth SET. After the event, the participants will do an assessment to determine how well they performed and look for areas to improve upon. “There’s always new things to learn and ways to improve,” says Watson. “This year we’ll be testing some updates that have been made to the statewide digital packet network, which is one of the tools we use for sending messages. We hope to learn more about its capabilities and how to improve it for the future.”

For more information about amateur radio, or the Wireless Society of Southern Maine, please visit their website at: <http://www.mainehamradio.com>



Todd KC1SQ's setup at Gorham Middle School



Brad KC1JMH setting up at Lakes Region High School

ARRL Section: Maine

Area of Jurisdiction: Cumberland County

DEC's or EC's Call sign: KB1HNZ

E-mail address: kb1hnz@yahoo.com

Date of local SET: 10/27/23 – 10/28/23

	<b>Points</b>
• Number of amateurs who participated in the test	10
• Number of new amateurs (licensed since 2019) participating	2
• Number of formal 3rd party written traffic messages originated or delivered during the SET on behalf of served agencies	26
• Were TACTICAL communications conducted on behalf of served agencies?	1 1 hour or more, score 20 points: 1/2 hour to 1 hour, score 10: less than 1/2 hour, score 5:
• Number of stations on emergency power during the test	6
• Number of emergency-powered repeaters used during the test	Give call signs of repeaters: WS1EC
• Is dual membership in ARES and AUXCOMM (RACES in some parts of the country) actively encouraged?	Yes:   No: YES
• Are ARES members encouraged to take SKYWARN training and participate in SKYWARN Nets?	Yes:   No: YES
• Was liaison maintained during the SET with an NTS section or local net?	Yes:   No: YES, KB1HNZ
• Was liaison maintained during the SET with a NWS office for SKYWARN, local or State EOC, MARS or NGOs (such as American Red Cross, Salvation Army etc.)?	Yes:   No: YES, N1R XR
• Were digital modes utilized at any time during the exercise?	Yes:   No: YES, Packet, VARA, DMR, Fusion
• Number of different agencies for which communications were handled	3

<ul style="list-style-type: none"> <li>• Number of communities in which agencies were contacted.</li> </ul>	Name the community(ies) served: 6, Gorham, Westbrook, Windham, Gray, South Portland, Bridgton	
<ul style="list-style-type: none"> <li>• Was a press release submitted?</li> </ul>	Yes:   No: YES	
<ul style="list-style-type: none"> <li>• <b>Bonus:</b> Is your group represented by an ARRL Public Information Officer?</li> </ul>	Yes:   No: YES	
Total Number of Points		260